

**STORM DRAINAGE FACILITIES IMPROVEMENTS**

The City's storm drainage improvement program assists in controlling neighborhood drainage and flooding. The Harris County Flood Control District has responsibility for major drainage projects in the City.

The severe flooding, which occurred during the summer of 2001 resulted in a reassessment of storm sewer issues, and a reprioritization of City resources to emphasize storm sewer CIP projects. Also, the Comprehensive Drainage Plan, completed in 1999, is being updated as a result of the events during the summer of 2001. This strategic plan is used to develop the Storm Water Management Program (SWMP) which guides the implementation of specific projects.

The FY2004-2008 CIP includes a total of \$95.2 million for drainage projects, including \$37.3 million in FEMA funding and \$5 million in private funds for storm projects in the Texas Medical Center area. This represents a decrease in the Adopted FY2004-2008 Storm Drainage Program over the FY2003-2007 Storm Program.

Several storm drainage projects are now found in the new Storm Water Utility Program found in Volume 2 of the Capital Improvement Plan.

The FY2004-2008 CIP includes funding to:

- Complete the second phase of the Kirby Relief Storm Sewer Project.
- Initiate significant drainage improvements to the Texas Medical Center area.
- Build the Wilchester West storm sewer system.
- Upgrade storm sewers in Braes Height in conjunction with Neighborhood Street Reconstruction work.
- Continue implementation and updating of the Comprehensive Drainage Plan; including the addition of areas previously not included in the 1999 document.
- Initiate the first phase of the Kirby Drive Storm Improvements, from Holcombe to Brays Bayou.

# 2004 – 2008 CAPITAL IMPROVEMENT PLAN

CITY OF HOUSTON

SOURCE OF FUNDS SUMMARY (\$THOUSANDS)									
Source of Funds	Appropriations through Dec. 31, 2002	Estimated Appropriations Jan. 1 - June 30 2003	Fiscal Year Planned Appropriations					Total	Total
			2004	2005	2006	2007	2008	2004 – 2008	
FEMA			37,302					37,302	37,302
Tex Med Center Participation			5,000					5,000	5,000
Storm Sewer Cons. Const. Fund	27,896	21,022	25,359	21,741	34,935	13,113		95,148	144,066
Accumulated Unexpended Fund	4,618							0	4,618
Total	32,514	21,022	67,661	21,741	34,935	13,113	0	137,450	190,986

## Storm Drainage Facilities

FY2004 - 2008 CAPITAL IMPROVEMENT PLAN  
(\$THOUSANDS)

CIP NO.	COUNCIL DISTRICT	PROJECT NAME	FY2004	FY2005	FY2006	FY2007	FY2008	TOTAL FY2004 - 2008
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### Storm Drainage Facilities

M-0126	VAR	LOCAL DRAINAGE IMPROVEMENT PROJECTS	500 DC	500 DC	500 DC	500 DC		2,000DC
M-0168	HI	JAPHET GULLY STORM SEWER - CLINTON TO BUFFALO BAYOU		200 D		1,000 C		1,200DC
M-0184	B	KASHMERE AREA STORM SEWER IMPROVEMENTS			2,750 C			2,750C
M-0186	I	CENTRAL PARK SUBDIVISION RELIEF LATERALS	2,100 DC					2,100DC
M-0210	B	CRANE / ENGLEWOOD STORM SEWER			4,625 C			4,625C
M-0220	ALL	STORM WATER MANAGEMENT PROGRAM (SWMP)	7,095 D					7,095D
M-0228	I	LANCASTER RELIEF STORM SEWER		441 D	3,994 C			4,435DC
M-0230	G	KIRBY RELIEF STORM SEWER PHASE I & II		650 D	7,200 C			7,850DC
M-0241	VAR	STORMWATER PUMP STATION IMPROVEMENTS AT VARIOUS UNDERPASSES		2,700 C				2,700C
M-0246	G	WILCHESTER WEST STORM SEWER IMPROVEMENTS	5,150 C					5,150C
M-0247	G	YORKSHIRE AND NOTTINGHAM STORM SEWER IMPROVEMENTS		850 D		5,500 C		6,350DC

LEGEND:    A = ACQUISITION    D = DESIGN    C = CONSTRUCTION    E = EQUIPMENT    O = OTHER    R = ART

**Storm Drainage Facilities**  
FY2004 - 2008 CAPITAL IMPROVEMENT PLAN  
(THOUSANDS)

CIP NO.	COUNCIL DISTRICT	PROJECT NAME	FY2004	FY2005	FY2006	FY2007	FY2008	TOTAL FY2004 - 2008
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**Storm Drainage Facilities**

M-0253	C	EDLOE STREET AREA STORM SEWER - BRAESWOOD PLACE SUBDIVISION	2,700 DC		2,500 C			5,200DC
M-0255	C	BRAES BLVD. AND ACADEMY ST.: NEW STORM DRAINAGE TRUNK LINE		3,140 DC		5,200 C		8,340DC
M-0260	C/D	TEXAS MEDICAL CENTER DRAINAGE IMPROVEMENTS	33,971 C					33,971C
M-0261	G	BUFFALO BAYOU DETENTION POND	200 D	1,000 A	1,500 C			2,700ADC
M-0263	G	SHERWOOD FOREST STORM SEWER SYSTEM		500 D	4,785 C			5,285DC
M-0531	BH	SOUTH OF LITTLE YORK FROM HARDY TOLL ROAD TO HALLS BAYOU		6,000 C				6,000C
M-0546	AB	ELLA (WHEATLEY) STORM SEWER	3,000 C					3,000C
M-0574	E	MONROE STORM SEWER		1,700 C				1,700C
M-0582	E	SOUTH SHAVER STORM SEWER		1,300 C				1,300C
M-0589	A	TANNER ROAD DRAINAGE IMPROVEMENTS			2,100 C			2,100C
M-0596	A	BRITTMOORE.IH-10 TO HAMMERLY STORM SEWERS		1,700 C				1,700C
M-0597	A	BRITTMOORE: HAMMERLY TO CLAY DETENTION POND			2,000 C			2,000C

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## Storm Drainage Facilities

FY2004 - 2008 CAPITAL IMPROVEMENT PLAN  
(\$THOUSANDS)

CIP NO.	COUNCIL DISTRICT	PROJECT NAME	FY2004	FY2005	FY2006	FY2007	FY2008	TOTAL FY2004 - 2008
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### Storm Drainage Facilities

M-0671	I	DOWNTOWN STREETS: STORM SEWER RECONSTRUCTION	300 C					300C
M-0771	C	KIRBY DRIVE STORM IMPROVEMENTS: S. W. FRWY TO BRAYS BAYOU	11,700 C					11,700C
M-1002	AH	WHITE OAK BAYOU DRAINAGE IMPROVEMENTS			2,000 C			2,000C
M-NA	ALL	CONTINGENCIES FOR STORM DRAINAGE PROGRAM	945 O	1,060 O	981 O	913 O		3,899O

TOTAL PLAN:

67,661	21,741	34,935	13,113	0	137,450
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